

Title (en)
BOOST SYSTEM INCLUDING TURBO AND HYBRID DRIVE SUPERCHARGER

Title (de)
VERSTÄRKERSYSTEM MIT TURBO UND HYBRIDANTRIEBSLADER

Title (fr)
SYSTÈME DE SURALIMENTATION COMPRENANT UN TURBOCOMPRESSEUR ET UN COMPRESSEUR D'ALIMENTATION À ENTRAÎNEMENT HYBRIDE

Publication
EP 3063384 A4 20170809 (EN)

Application
EP 14858365 A 20141028

Priority

- US 201361896476 P 20131028
- US 201361911310 P 20131203
- US 201461935030 P 20140203
- US 2014062702 W 20141028

Abstract (en)
[origin: WO2015066060A1] The present disclosure relates to a boost system that provides boost pressure to an air intake manifold of an engine. The boost system includes a turbocharger and a supercharger that cooperate to provide the pressure boost to the air intake manifold. The boost system also includes a hybrid drive system for powering the supercharger.

IPC 8 full level
F02B 33/00 (2006.01); **F02B 33/34** (2006.01); **F02B 33/36** (2006.01); **F02B 33/38** (2006.01); **F02B 37/04** (2006.01); **F02B 37/12** (2006.01); **F02B 37/16** (2006.01); **F02B 39/04** (2006.01); **F02B 39/06** (2006.01); **F02B 39/10** (2006.01); **F02B 39/12** (2006.01); **F02M 31/20** (2006.01)

CPC (source: EP US)
F02B 5/00 (2013.01 - US); **F02B 33/34** (2013.01 - EP US); **F02B 33/36** (2013.01 - EP US); **F02B 33/38** (2013.01 - EP US); **F02B 37/013** (2013.01 - US); **F02B 37/04** (2013.01 - EP US); **F02B 37/16** (2013.01 - EP US); **F02B 39/04** (2013.01 - EP US); **F02B 39/06** (2013.01 - EP US); **F02B 39/10** (2013.01 - EP US); **F02B 39/12** (2013.01 - EP US); **F02M 31/20** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US)

Citation (search report)

- [XYI] US 2012137681 A1 20120607 - HOESS BERNHARD [DE], et al
- [XYI] US 6343473 B1 20020205 - KANESAKA HIROSHI [JP]
- [XYI] US 2010263375 A1 20101021 - GRIEVE MALCOLM JAMES [US]
- [Y] WO 2013148205 A1 20131003 - EATON CORP [US]
- [Y] WO 2013049435 A1 20130404 - EATON CORP [US]
- [Y] US 2009019852 A1 20090122 - INOUE MASAYA [JP], et al
- See references of WO 2015066060A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2015066060 A1 20150507; EP 3063384 A1 20160907; EP 3063384 A4 20170809; US 10006343 B2 20180626; US 2016237880 A1 20160818

DOCDB simple family (application)
US 2014062702 W 20141028; EP 14858365 A 20141028; US 201615141214 A 20160428